

R307. Environmental Quality, Air Quality.**R307-349. Flat Wood Panel Coating.****R307-349-1. Purpose.**

The purpose of R307-349 is to limit volatile organic compound (VOC) emissions from flat wood paneling coating sources.

R307-349-2. Applicability.

R307-349 applies to flat wood paneling coating operations, including related cleaning activities, that have the potential to emit 2.7 tons per year of VOC and that are located in Box Elder, Cache, Davis, Salt Lake, Tooele, Utah, and Weber counties.

R307-349-3. Definitions.

The following additional definitions apply to R307-349:

"Coating" means a protective, decorative, or functional material applied in a thin layer to a surface. Such materials may include paints, topcoats, varnishes, sealers, stains, washcoats, basecoats, inks, and temporary protective coatings.

"Finishing material" means a coating used in the flat wood panel industry, including basecoats, stains, washcoats, sealers, and topcoats.

"Flat wood paneling" means wood paneling products that are any decorative interior, exterior or tileboard (class I hardboard) panel to which a protective, decorative, or functional material or layer has been applied.

"Sealer" means a finishing material used to seal the pores of a wood substrate before additional coats of finishing material are applied. A washcoat used to optimize aesthetics is not a sealer.

"Tileboard" means a premium interior wall paneling product made of hardboard that meets the specifications for Class I given by the standard ANSI/AHA A135.4-1995.

R307-349-4. Emission Standards.

(1) Each owner or operator shall not apply coatings with a VOC content in excess of 2.1 pounds of VOC per gallon, excluding water. The equivalent emission limit shall be 2.9 pounds VOCs per gallon solids coating; or

(2) Shall use an add-on control device as specified in R307-349-6.

R307-349-5. Work Practice and Recordkeeping.

(1) The owner or operator shall:

(a) Store all VOC-containing coatings, thinners, and cleaning materials in closed containers;

(b) Minimize spills of VOC-containing coatings, thinners, and cleaning materials;

(c) Clean up spills immediately;

(d) Convey any coatings, thinners, and cleaning materials in closed containers or pipes;

(e) Close mixing vessels that contain VOC coatings and other materials except when specifically in use;

(f) Minimize usage of solvents during cleaning of storage, mixing, and conveying of equipment; and

1 (g) Dispose of dirty cleanup solvent by recycling, reclaiming,
2 or by incineration in an incinerator approved to process hazardous
3 materials or by an alternate means approved by the director.

4 (2) The owner or operator shall maintain records from the
5 manufacturer that demonstrate compliance with the emission standards
6 of R307-348-4.

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8 **R307-349-6. Optional Add-On Controls.**

9 (1) The owner or operator may install and maintain an
10 incinerator, carbon adsorption, or any other add-on emission control
11 device, provided that the emission control device will attain at least
12 90% efficiency performance.

13 (2) The owner or operator of a control device shall provide
14 certification from the manufacturer that the emission control system
15 will attain required efficiency performance.

16 (3) Emission control systems shall be operated and maintained
17 in accordance with the manufacturer recommendations. The owner or
18 operator shall maintain for a minimum of two years records of operating
19 and maintenance sufficient to demonstrate that the equipment is being
20 operated and maintained in accordance with the manufacturer
21 recommendations.

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23 **R307-349-7. Compliance Schedule.**

24 All sources in Davis and Salt Lake counties shall be subject to
25 this rule upon the effective date. Sources in Box Elder, Cache, Tooele,
26 Utah and Weber counties shall be in compliance with the rule by
27 September 1, 2013.

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30 **KEY: air pollution, emission controls, flat wood paneling, coating,**

31 **Date of Enactment or Last Substantive Amendment: 2012**

32 **Notice of Continuation:**

33 **Authorizing, and Implemented or Interpreted Law: 19-2-104(1)(a)**